

Product Specifications

Catalog Number: 1032B | 1032E

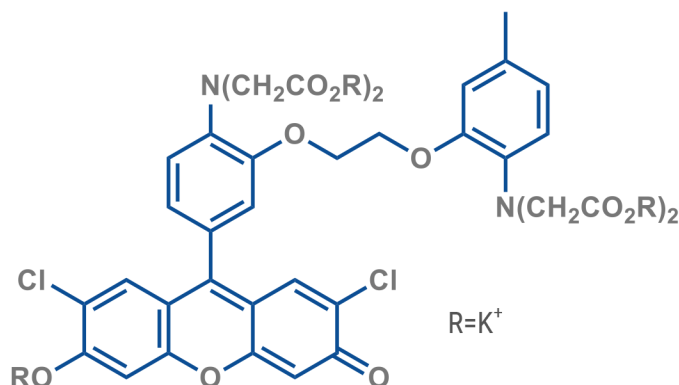


Fluo-3 K⁺ Salt

Description	
CAS number	-
PubChem CID	-
Molecular Weight	960 g/mol
Solubility	Water
K _d for Ca ²⁺	390 nM

Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	Ethyl acetate
Absorbance max	460 ± 3 nm

¹ H NMR Spectrum	Bruker Avance 400
Solvent	Deuterated water
Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.	



LCMS	Agilent 1220 Infinity II
Column	Agilent Infinity Lab Poroshell 120 ECC18, 30 x 50 mm, 2.7 μm C ₁₈
UV-Vis Diode Array Detector	254 nm
Purity	≥ 95%
Single Quad MS Detector	ESI positive
Molecular Ion	771.07 ± 0.5 amu (MH ⁺) 793.07 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	Ethyl Acetate
Excitation max	505 nm
Emission max	525 nm

TLC	SiO ₂ on Al backing with F ₂₅₄
Solvent	3:7 Water / Methanol
R _f	0.8